



# THE AMERICAN RADIO RELAY LEAGUE, INC.

INTERNATIONAL SECRETARIAT OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111-1494

## The World Above 50 MHz

Box 100

Lebanon, CT 06249

(203) 642-4347

July 15, 1994

Henry Ruh, KB9FO  
540 Oakton St  
Des Plaines IL 60018

Dear Henry,

Thanks so much for the copies of *Amateur Television Quarterly* and *TV Secrets*. They were most interesting, especially as ATV is a side of UHF activities I know little about.

Would you be interested in helping to introduce ATV to the *World Above 50 MHz* readers? As you know, I have a lead in my column each month of about 1000 words maximum. I could write that much about ATV from the materials you sent, but it would not have the same impact as if a real expert on ATV wrote it.

Would you be interested in writing a 1000-word introduction to ATV for use in the column? I would give you a byline. An accompanying photograph or two would add a great deal. I would add a sidebar, which would introduce you, your background, and also mention *Amateur Television Quarterly*.

My readers vary a great deal, from beginners to those who are the technical leaders in the VHF/UHF world. Virtually all are on CW/SSB, as the column is not designed to appeal to the FM and repeater crowd. Although *World Above* readers are fairly sophisticated, few have much exposure to ATV. Thus some general comments about what is involved in getting on, what can be expected from ATV, some unusual applications, and the like would probably attract attention and even get some VHFers interested.

If you are interested, let me know. You can call most any time (203/642-7271) if you want to chat. There is no particular deadline, but I do plan my columns many months in advance.

Thanks and regards,

Emil Pocock  
W3EP

GEORGE S. WILSON III  
W4OYI, PRESIDENT

RODNEY J. STAFFORD  
KB6ZV, FIRST VICE PRESIDENT

JAY A. HOLLADAY  
W6EJJ, VICE PRESIDENT

THOMAS W. FRENAYE  
K1KI, VICE PRESIDENT

LARRY E. PRICE  
W4RA, VICE PRESIDENT  
INTERNATIONAL AFFAIRS

JAMES E. McCOBB  
K1LLJ, TREASURER

DAVID SUMNER  
K1ZZ, EXECUTIVE VICE PRESIDENT  
SECRETARY

BARRY J. SHELLEY  
CHIEF FINANCIAL OFFICER

203-666-1541  
FAX: 203-665-7531

**QST**

OFFICIAL JOURNAL

Henry  
Ruh  
VARIOUS  
collected  
correspondence







# THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

HARRY J. DANNALS  
W2TUK, PRESIDENT

VICTOR C. CLARK  
W4KFC, FIRST VICE PRES.

NOEL B. EATON  
VE3CJ, VICE PRES.

CARL L. SMITH  
WØBWJ, VICE PRES.

JOHN HUNTOON  
W1RW, TREASURER

RICHARD L. BALDWIN  
W1RU, SEC. & GEN. MGR.

203-666-1541

**QST**  
OFFICIAL JOURNAL

August 5, 1977

Mr. Henry Ruh, WB9WWM  
P.O. Box 1347  
Bloomington, IN 47401

Dear Henry:

Your PR input has been tremendous! We greatly appreciate all you have done for us. Consequently, we present to you the National Certificate of Merit from the ARRL Public Information Office for your efforts.

We are returning your letters for your files. Thank you very much again for your work in PR and keep in touch.

73,

Mark S. Starin, WALTZK  
Membership Services Assistant

MSS:llw  
Enclosures



August 2, 1957

Mr. [Name] and [Name]  
[Address]  
[City], [State]

Dear Sirs:

Your PR letter has been forwarded. We greatly appreciate  
all you have done for us. Consequently, we request of you the  
National Certificate of Merit from the ARRL which information  
Office for your records.

We are enclosing your letter for your files. Thank you  
very much again for your work in PR and hope in future.

*[Handwritten signature]*

Mark A. [Name], W1JRM  
Membership Services Assistant

cc: [Name]  
cc: [Name]



ORRC

JANUARY 20, 1988

Oregon Region Relay Council, Inc.

P.O. Box 29101

Portland, OR 97229-9101

Engineer in Charge;  
Federal Communications Commission  
1220 SW 3Rd  
Portland OR. 97201

Dear Sir;

We are writing, as coordinators of amateur radio service auxiliary and repeater stations, to request an interpretation of the Commissions rules and regulations.

We recently received a request for a coordination for a fast scan ATV repeater proposing to use a carrier frequency of 434 Mhz. The attributes of the proposed system is amplitude modulated video, with an FM sub-carrier placed 4.5 Mhz from the video carrier and a color sub-carrier placed 3.579 Mhz from the video carrier. The principal video modulation products are generally distributed in the band between the video carrier and the sound sub-carrier. Amplitudes of the various sub-carriers and modulation products is as great as 15 to 20 Db below the main carrier. The occupied band-width of the system would therefor extend from 434 Mhz to 429.45 Mhz or 438.55 Mhz.

Upon investigation of the rules and regulations we noted that Part 97.85 sub (H) states that the sub-bands 431-433 Mhz and 435-438 Mhz are not available for repeater use, either transmission or reception. We are also aware of the commonly known interpretation of the rules which holds that operation of a frequency or amplitude modulated transmitter at a frequency near 148 or 144.1 Mhz in which the modulation products extend above 148 or below 144.1 would be contrary to the rules and regulations. This is so because the occupied band-width, as a result of the modulation products of the transmitter, would fall outside either an authorized amateur radio service band or sub-band authorized for that modulation type.

Based on the above information the ORRC concluded that operation of such a repeater on 434 Mhz would be contrary to the rules and regulations, since it would use spectrum, located in sub-bands for which repeater operations are prohibited. In informal discussions with your office, this view was affirmed as correct.

Others, supporting the applicant, have contended however that this view is incorrect. They suggest instead that only the carrier frequency is important, and that 434 Mhz is available for auxiliary and repeater operation.

We are therefor requesting a formal opinion from your office to clarify this situation. We wish to thank you in advance for your assistance in this matter.

Wes Allen

Acting Chairman,  
ORRC

WA/jdw







# THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

HARRY J. DANNALS  
W2TUK, PRESIDENT

VICTOR C. CLARK  
W4KFC, FIRST VICE PRES.

NOEL B. EATON  
VE3CJ, VICE PRES.

CARL L. SMITH  
WØBWJ, VICE PRES.

JOHN HUNTOON  
W1RW, TREASURER

RICHARD L. BALDWIN  
W1RU, SEC. & GEN. MGR.

203-666-1541

**QST**  
OFFICIAL JOURNAL

May 10, 1977

Mr. Henry B. Ruh, WB9WWM  
Rt. 1, Box 12  
Ellettsville, IN 47429

Dear Mr. Ruh:

I am happy to inform you that our editorial staff voted a unanimous "yes" toward acceptance of your article, "ATV Transceiver."

We are unable to offer a specific date for publication at this time, mainly because we have a substantial backlog of contributed material on hand. It is our practice to schedule the articles in accordance with the dates of receipt, and to provide a balanced table of contents for each issue of QST.

Please feel free to contact Technical Editor Hall directly should you have questions to ask, or changes to make.

Thank you very much for the fine article. Our readers should find the presentation interesting and informative.

Cordial 73,

Doug DeMaw, W1FB  
Senior Technical Editor

DDM/pjg



THE AMERICAN RADIO BY AMATEUR

May 10, 1974

Mr. Henry A. Wood, Editor  
A.R.B.A., Box 12  
Chillicothe, Mo. 64602

Dear Mr. Wood:

I am happy to inform you that our editorial staff  
voted a unanimous "yes" toward acceptance of your  
article, "ART Transceiver."

We were unable to offer a specific date for publication  
at this time, mainly because we have a substantial  
backlog of contributed material on hand. It is our  
policy to schedule the article in accordance with  
the dates of receipt, and to provide a balanced  
table of contents for each issue of ARB.

Please feel free to contact Technical Editor Hall  
directly should you have questions to ask, or changes  
to make.

Thank you very much for the fine article. Our readers  
should find the presentation interesting and infor-  
mative.

Sincerely,  
*Long Robert*

Long Robert, Editor  
Senior Technical Editor

bmw/stc



FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

MAR 20 1989

IN REPLY REFER TO:

7230-J

Mr. Wes Allen  
Acting Chairman  
Oregon Region Relay Council, Inc.  
P.O. Box 29101  
Portland, Oregon 97229-9101

Dear Mr. Allen:

This is reference to your inquiry to the Engineer In Charge of the Portland Office. Because your question concerns the amateur service, it was referred to the Personal Radio Branch for reply.

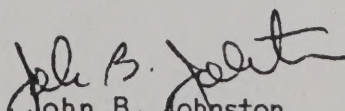
You ask about the propriety of an amateur repeater station transmitting on a frequency channel such that modulation products would be outside the frequency band authorized for repeater operation. You cite an example of a repeater station transmitting emission A3F on a channel at 434 MHz. Section 97.85(h) of the Commission's Rules, 47 C.F.R. § 97.85(h), prohibits repeater operation, both the input (receiving) and output (transmitting) in the 431-433 MHz and 435-438 MHz segments. In your example, however, the station would transmit emissions in these segments.

The applicable requirement is Section 97.63(b), 47 C.F.R. § 97.63(b). Sideband emissions resulting from modulation must be confined within the authorized band. In your example, therefore, the repeater station would be in violation of Section 97.63(b) if its sideband emission transmissions were to fall within the prohibited segments.

The Commission desires to encourage the experimental nature of the amateur service. The operational limitations in Part 97 of the Commission's Rules for the amateur service, 47 C.F.R. §§ 97.1-97.523, are intended to be the minimum necessary to insure order. They are the product of extensive rule making that relies heavily upon the desires of the amateur service community.

I trust this is responsive to your inquiry.

Sincerely,

  
John B. Johnston  
Chief, Personal Radio Branch







---

## RANDOM HOUSE, INC.

201 EAST 50TH STREET, NEW YORK, N.Y. 10022

TELEPHONE 212 751-2600

2183

August 30, 1977

Henry B. Ruh  
Publisher: Amateur Television Magazine  
P. O. Box 1347  
Bloomington, Indiana 47401

Dear Henry Ruh:

Thanks so much for sending me your manuscript which I've finally been able to look at. I think it's fascinating material, but unfortunately too specialized for our list. But I do think it's publishable and even if the AARL accepts this manuscript and publishes it, you might still do an adaptation for the uninitiated layman. You would have to add a very general introductory chapter on what ATV is all about in order to define all your terms (I got somewhat confused with this manuscript, not knowing the terminology.) I do think it's worth pursuing and I'd suggest you write to Patrick Filley at Doubleday and/or Tim Yohn at McGraw-Hill for their reactions.

In any case, I appreciate your letting me see the manuscript and I wish you every success with it.

Sincerely,

Kathy Matthews  
Editor

KM:rcj







December 14, 1977

Mr. Henry B. Ruh, WB8HEE  
Box 1347  
Bloomington, IN 47401

Dear Henry,

I'm sorry I didn't get the chance to speak to you at length last week in Washington. I did want to say that you made an excellent presentation before the Commission and I was amazed at how little the Commissioners seemed to know about amateur radio. Just bringing out the installation information on filters seemed a revelation to them.

On another note, I find that we have had an article of yours in house for quite a long time. I don't know when or exactly where I can use it, but I am enclosing a check for \$50.00 to at least pay for it. When we do run it, if the length dictates further payment, I will send you a subsequent check. Sorry for the delay and apparent shoddy treatment.

73,

Alan Dorhoffer, K2EEK

AMD/ck







**KGW AM TV / KINK FM**

1501 SW Jefferson Street  
Portland, Oregon 97201  
503/226-5000  
A Division of King Broadcasting Company

21 Dec 77

Henry Ruh  
PO Box 1347  
Bloomington, Indiana 47401

Dear Mr. Ruh;

I read a short magazine article about amateur television with your name at the end of it.

We would be interested in knowing if there are any ATV enthusiasts in Portland - or anywhere in western Oregon or southwestern Washington. We are thinking of maybe doing a feature story on ATV for one of our news shows.

Any information you could provide us would be very much appreciated.

Thank you,

Don Porter  
KGW TV News  
1501 SW Jefferson  
Portland, Oregon 97201







# THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

HARRY J. DANNALS  
W2TUK, PRESIDENT

VICTOR C. CLARK  
W4KFC, FIRST VICE PRES.

NOEL B. EATON  
VE3CQ, VICE PRES.

CARL L. SMITH  
WØBWJ, VICE PRES.

JOHN HUNTOON  
W1RW, TREASURER

RICHARD L. BALDWIN  
W1RU, SEC. & GEN. MGR.

August 26, 1977

203-686-1541

**QST**  
OFFICIAL JOURNAL

Mr. Henry B. Ruh, WB9WWM  
Indiana University  
Bloomington, IN 47401

Dear Mr. Ruh:

Many thanks for sending us a copy of your letter to President Carter recognizing the services of Mr. Warren Weldon. It is gratifying to us that you have taken time from your very busy schedule to draw the attention of our President to one of the most beneficial services that hams provide.

I am sure Mr. Weldon is an outstanding member of his community and deserves national recognition for his contribution to our country through amateur radio.

Your letter is being circulated to the various departments for a possible article in QST.

You can be assured we will personally recognize Mr. Weldon's contributions to the amateur world.

Again, thank you for the information and please continue to keep us informed of people you feel deserve special recognition.

73,

*Bobbie Chamalian, WB1ADL*

Bobbie Chamalian, WB1ADL  
Public Information Specialist

BJC:las





# THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

HARRY J. DANNALS  
W2TUK, PRESIDENT

VICTOR C. CLARK  
W4KFC, FIRST VICE PRES.

NOEL B. EATON  
VE3CJ, VICE PRES.

CARL L. SMITH  
W0BWJ, VICE PRES.

JOHN HUNTOON  
W1RW, TREASURER

RICHARD L. BALDWIN  
W1RU, SEC. & GEN. MGR.

203-666-1541

**QST**  
OFFICIAL JOURNAL

July 1977

Box 1347  
Bloomington, In. 47401

Dear Mr. Ruh,

In recognition of the fine article you have written in defense of amateur radio against the recent Jack Anderson-Les Whitten column, ARRL proudly awards this certificate of merit with congratulations and thanks.

The response to the column was overwhelming from both hams and CBers who wrote back with their knowledge and experience to give the public good and correct information about amateur radio.

The issuance of this certificate and the services for which it was issued have been recorded on a permanent record sheet of all such services by amateurs. We hope that you will continue to serve the public with your knowledge, spirit, and dedication to amateur radio.

73,

Peter O'Dell, WB8NAS  
Public Information Office







# THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

HARRY J. DANNALS  
W2TUK, PRESIDENT

VICTOR C. CLARK  
W4KFC, FIRST VICE PRES

NOEL B. EATON  
VE3CJ, VICE PRES

CARL L. SMITH  
W0BWJ, VICE PRES

JOHN HUNTOON  
W1RW, TREASURER

RICHARD L. BALDWIN  
W1RU, SEC. & GEN. MGR

203-666-1541

**QST**  
OFFICIAL JOURNAL

May 10, 1977

Mr. Henry B. Ruh, WB9WWM  
Rt. 1, Box 12  
Ellettsville, IN 47429

Dear Mr. Ruh:

I am happy to inform you that our editorial staff voted a unanimous "yes" toward acceptance of your article, "ATV Transceiver."

We are unable to offer a specific date for publication at this time, mainly because we have a substantial backlog of contributed material on hand. It is our practice to schedule the articles in accordance with the dates of receipt, and to provide a balanced table of contents for each issue of QST.

Please feel free to contact Technical Editor Hall directly should you have questions to ask, or changes to make.

Thank you very much for the fine article. Our readers should find the presentation interesting and informative.

Cordial 73,

Doug DeMaw, W1FB  
Senior Technical Editor

DDM/pjg





73

**magazine**  
**for radio amateurs**

PETERBOROUGH, NEW HAMPSHIRE 03458

16 Jan 74

*Loftel*  
Dear Howard, Marty, Gil, Henry, Bert, Marshall, Mike, Dale, Dick, Harold:

Well, we did it! I've been listening to the tape...and making copies which I will send along. The tape came out just fine, surprisingly enough. Nothing is missing, not even soft spoken Chairman Burch. This should be of interest at club meetings and even over the repeater. I wish I wouldn't ahh and err as much.

The indication is that the Commission is now receptive to requests for changes. If this is realized, our trip was of great value. The talks with Chief Higginbotham were most interesting and indicated to me that such bargaining sessions could save amateurs a lot of miseries. But how do we mount such meetings? Suggestions? Obviously we have to work out some way to get knowledgeable amateurs to the meeting - amateurs who, like our group, are anxious to answer questions and be helpful, but who do not have the psychological need to talk endlessly. An unfortunate number of the amateurs who have visited the FCC have been of the latter type and have hurt our interests.

We are all looking forward to the proposed petitions from Marty. And I'm reminding you of the promise for system diagrams of accepted repeaters.

If more copies of the tape are requested they will be available from 73 Magazine for \$5 a copy. I will mention the availability of the tapes in 73.

The meeting on Sunday seemed extremely productive to me. Is there any way that we can get something started in the way of a super-council to help co-ordinate all of the repeater councils? A newsletter would help, but nothing replaces face-to-face bargaining and exchange of ideas. This could lead to the formation of an amateur radio advisory committee to deal with the FCC. This could be a much faster way of getting rules changed.

Re the tapes again - I would appreciate it if you'd let me supply the tapes instead of running off copies for clubs. I'd like to recoup the costs of the meeting room...hi.

You might sound out your councils regarding the interest in a regular national convention to update our regulations and coordinate our self-governing affairs.

The more I listen to the tape and think back over our work on Sunday, the prouder I am of all of you!

73---wayne

